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ABSTRACT

Average salary increases for 5,151 faculty in the field of chemistry are reported for 1984-1985 and 1987-1988, as part of the College and University Personnel Association's annual faculty salary studies. Included are comparative data for 160,596 faculty at 216 public colleges and 266 private colleges, representing 45 academic disciplines. In 1984, 185 public colleges and 229 private colleges reported on chemistry faculty salaries, while 185 public and 232 private colleges reported in 1987. In 1987-88, average faculty salaries in this field were approximately 7% and 6% above the overall average faculty salaries of the other 44 disciplines/major fields for both public and private colleges, respectively. The average salary for the field in the private colleges was \$336 less than in the public colleges in 1984-85. In 1987-88, the overall salary average in the private colleges was \$375 higher than in the public colleges. Included is information on: the number of faculty by academic rank, including new assistant professors; salaries by academic rank; the ratio of average salaries to total salaries of all institutions in both years; comparisons with the Consumer Price Index of changes in cost-of-living for both years; and comparisons with 44 other disciplines. The disciplines and participating institutions are listed. (KM)

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SALARY TREND STUDY OF FACULTY IN CHEMISTRY

Richard Howe

FOR THE YEARS

1984-85 AND 1987-88

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Since 1982-83 the College and University Personnel Association (CUPA) in Washington, D.C., in cooperation with Appalachian State University in Boone, North Carolina, has conducted annual national faculty salary studies by discipline and rank each year through 1987-88. Each year two separate studies are conducted, one for public senior colleges and universities which are members of the American Association of State Colleges and Universities (AASCU) in Washington, D.C., and the other for private senior colleges and universities. The list of private institutions is provided by the American Council on Education in Washington, D.C.

Salary data for each study were collected and tabulated for full-time teaching faculty in 45 selected academic disciplines including chemistry. The disciplines were chosen from among those defined by the Higher Education General Information Study (HEGIS) Taxonomy and by A Classification of Instructional Programs (CIP), 1985. The definition of the discipline/major field of chemistry in the CIP is as follows:

A group of instructional programs that describe the micro and macro structure of matter, of the changes matter undergoes, of the energy involved in these changes, and of the models that interpret and the theories and laws that describe these phenomena.*

[*Gerald S. Malitz, A Classification of Instructional Programs (Washington, D.C.: National Center for Education Statistics, [1985], p. 129.--40.05]

This article presents a summary of the overall average salary increases in the discipline/major field of chemistry from the "baseline year" of 1984-85 to and including the "trend year" of 1987-88 for both public and private insti-

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tutions. Of the 272 institutions which participated in CUPA's PUBLIC (AASCU) study of 1984-85, 216 also participated in 1987-88. Data from those same 216 institutions were used in both the baseline year and the trend year. Of the 451 institutions which participated in CUPA'S PRIVATE study of 1984-85, 266 also participated in 1987-88. Data from those same 266 institutions were used in both the baseline year and the trend year.

In addition to listing the average salaries in chemistry for both public and private participating institutions by rank, including "new assistant professor," and listing the faculty mix percentage (FAC MIX PCT) and the salary factor, comparisons are made between the two studies for each of the two study years (1984-85 and 1987-88) and with the CPI (Consumer Price Index) of changes in cost-of-living.

The CPI is based on prices of food, clothing, shelter and fuels, transportation, medical care, entertainment, and other goods and services that people buy for day-to-day living. In examining trends in faculty salary it is important to consider any changes in the economy and the CPI yields a more precise representation of "real" salary increases over time.

The salary is based on a nine- or ten-month academic year salary of full-time faculty only. It does not include any faculty members teaching less than 51 percent. Salary for summer academic work, fringe benefits, and perquisites are not included in the salary data. The average salary is based on the study information with the assumption that all employees were full-time. The average salary displayed is an average of all faculty salaries reported for a given rank and discipline.

The "NUM" means the number of faculty members whose salaries were included to compute the average salary.

The "N/IN" means the number of institutions that reported salary data for a given academic rank and discipline/major field.

The FAC MIX PCT is the percentage of faculty in a given discipline/major field who hold a given academic rank. For example, a FAC MIX PCT factor of .26 for associate professor of chemistry in the 1984-85 public study means that 26 percent of the faculty in that discipline/major field hold the rank of associate professor.

The SALARY FACTOR for a given rank of a given discipline/major field is the ratio of the average salary to the total average salary of all institutions in each of the four studies: PUBLIC 1984-85, PUBLIC 1987-88, PRIVATE 1984-85 and PRIVATE 1987-88. For example, a SALARY FACTOR of .97 for assistant professors in the discipline/major field of chemistry in the 1984-85 public study means that their salaries are 3 percent lower than the average of all assistant professors in all institutions in that study.

NEW ASST PROF is the grouping of assistant professors who were hired for the first time in the fall of the study year (1984-85 or 1987-88). All information for this group was included in the ASST PROF group for reporting purposes. This group is used mainly for new hiring information.

ALL MAJOR FIELDS is the entire data base for all 45 disciplines/major fields in each of the four studies. It is used to compare, among other things, the discipline/major field of chemistry with the entire data base for each study.

Of particular import to the reader is noting the size of the sample on which each percentage or dollar value is based. The smaller the number in the group, the greater the effect of extreme scores on a descriptive statistic such as the average. It should be noted also that any large disparity in the sample sizes between the "baseline year" of 1984-85 and the "trend year" of 1987-88 will lessen the reliability and validity of any conclusions that one might make based on a simple comparison of averages.

PROF	ASSO PROF	ASST PROF	NEW ASST PROF	INSTRUCTOR	ALL RANKS
SALARY NUM N/IN	SALARY NUM N/IN	SALARY NUM N/IN	SALARY NUM N/IN	SALARY NUM N/IN	SALARY NUM N/IN
<u>PUBLIC, 1984-85:</u>					
CHEMISTRY					
AVERAGE					
SALARY: 35713 785 166	29220 377 155	23602 259 125	22374 45 38	19073 29 22	31528 1450 185
FAC MIX					
PCT: 0.54	0.26	0.18	0.03	0.02	1.00
SALARY					
FACTOR: 1.00	1.00	0.97	0.95	0.97	1.08
ALL MAJOR FIELDS					
AVERAGE					
SALARY: 35583 16647	29260 15785	24372 13767	23563 1931	19711 4112	29236 50311 216
FAC MIX					
PCT: 0.33	0.31	0.27	0.04	0.08	1.00
<u>PUBLIC, 1987-88:</u>					
CHEMISTRY					
AVERAGE					
SALARY: 42380 805 171	34042 343 140	27545 292 135	26430 56 44	21349 27 22	37090 1467 185
FAC MIX					
PCT: 0.55	0.23	0.20	0.04	0.02	1.00
SALARY					
FACTOR: 1.01	0.99	0.96	0.95	0.95	1.07
ALL MAJOR FIELDS					
AVERAGE					
SALARY: 42078 18029	34414 15437	28589 14226	27759 2245	22371 3878	34581 51570 216
FAC MIX					
PCT: 0.35	0.30	0.28	0.04	0.08	1.00
<u>PRIVATE, 1984-85:</u>					
CHEMISTRY					
AVERAGE					
SALARY: 38870 566 184	27500 286 155	22961 226 125	22118 44 33	16932 23 20	32192 1101 229
FAC MIX					
PCT: 0.51	0.26	0.21	0.04	0.02	1.00
SALARY					
FACTOR: 1.01	0.95	0.97	0.96	0.89	1.08
ALL MAJOR FIELDS					
AVERAGE					
SALARY: 38304 9450	29006 8980	23612 8649	23044 1224	19015 1912	29769 28991 266
FAC MIX					
PCT: 0.33	0.31	0.30	0.04	0.07	1.00
<u>PRIVATE, 1987-88:</u>					
CHEMISTRY					
AVERAGE					
SALARY: 44924 584 188	32520 283 149	26994 240 135	25085 32 30	20431 26 24	37465 1133 232
FAC MIX					
PCT: 0.52	0.25	0.21	0.03	0.02	1.00
SALARY					
FACTOR: 0.99	0.96	0.96	0.92	0.92	1.06
ALL MAJOR FIELDS					
AVERAGE					
SALARY: 45193 9944	33900 9299	27999 8810	27388 1322	22156 1671	35269 29724 266
FAC MIX					
PCT: 0.33	0.31	0.30	0.04	0.06	1.00

RESULTS OF THE TWO PUBLIC (AASCU) STUDIES, 1984-85 AND 1987-88

In the PUBLIC 1984-85 salary study in the above table, the reader may note that the discipline/major field of chemistry was reported in 185 of the 216 public (AASCU) institutions. The average salary of the 1,450 faculty was \$31,528. This average salary was approximately 8 percent (1.08) higher than the average salary of \$29,234 for all 50,311 faculty in ALL MAJOR FIELDS in the 1984-85 public study.

In the PUBLIC 1987-88 salary study in the above table, the discipline/major field of chemistry was reported in 185 of the same 216 public (AASCU) institutions. The average salary of the 1,467 faculty was \$37,090. This average salary was approximately 7 percent (1.07) higher than the average salary of \$34,581 for all 51,570 faculty in ALL MAJOR FIELDS in the 1987-88 public study.

The increase in average salaries for all faculty in chemistry after three years in the public institutions studied was 17.6 percent (\$37,090 minus \$31,528 equals \$5,562). The CPI of increased cost-of-living between October 1984 and October 1987 was 9.5 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 8.1 percent or an average of 2.7 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the public institutions studied was 18.3 percent (\$34,581 minus \$29,234 equals \$5,347). In comparison to the discipline/major field of chemistry (17.6%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by .7 percent (18.3% minus 17.6% equals .7%) more than faculty in the discipline/major field of chemistry.

Since the discipline/major field of chemistry is one of the "older" disciplines, the reader may note that the faculty mix percentage is higher at the professor rank than at the assistant professor rank in the public studies;

0.54 vs. 0.18 (1984-85) respectively; and 0.55 vs. 0.20 (1987-88) respectively. The differences in faculty mix percentage at the ranks of professor and assistant professor in ALL MAJOR FIELDS for both public studies is as follows: 0.33 vs. 0.27 (1984-85) and 0.35 vs. 0.28 (1987-88) respectively. In other words ALL MAJOR FIELDS has a lower percentage of professors and a higher percentage of assistant professors compared to chemistry in both public studies.

Finally, the hiring rate of new assistant professors in chemistry is moderate in the public studies: 3.1 percent (45/1,450) in 1984-85 vs. 3.8 percent (1,931/50,311) in ALL MAJOR FIELDS in 1984-85. Also, the hiring rate of new assistant professors in chemistry in 1987-88 was 3.8 percent (56/1,467) vs. 4.4 percent (2,245/51,570) in ALL MAJOR FIELDS that same year. In other words the hiring rate in the discipline/major field of chemistry is slightly higher than for ALL MAJOR FIELDS in both the public studies of 1984-85 and 1987-88.

RESULTS OF THE TWO PRIVATE STUDIES, 1984-85 AND 1987-88

In the PRIVATE 1984-85 salary study in the above table, the reader may note that the discipline/major field of chemistry was reported in 229 of the 266 private institutions. The average salary of the 1,101 faculty was \$32,192. This average salary was approximately 8 percent (1.08) higher than the average salary of \$29,769 for all 28,991 faculty in ALL MAJOR FIELDS in the 1984-85 private study.

In the PRIVATE 1987-88 salary study in the above table, the discipline/major field of chemistry was reported in 232 of the same 266 private institutions. The average salary of the 1,133 faculty was \$37,465. This average salary was approximately 6 percent (1.06) higher than the average salary of \$35,269 for all 29,724 faculty in ALL MAJOR FIELDS in the 1987-88 private

study.

The increase in average salaries for all faculty in chemistry after three years in the private institutions studied was 16.4 percent (\$37,465 minus \$32,192 equals \$5,273). The CPI of increased cost-of-living between October 1984 and October 1987 was 9.5 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 6.9 percent or 2.3 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the private institutions studied was 18.5 percent (\$35,269 minus \$29,769 equals \$5,500). In comparison to the discipline/major field of chemistry (16.4%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 2.1 percent (18.5% minus 16.4% equals 2.1%) more than faculty in the discipline/major field of chemistry.

Because the discipline/major field of chemistry is one of the "older" disciplines, the reader may note that the faculty mix percentage is higher at the professor rank than at the assistant professor rank in the private studies: 0.51 vs. 0.22 (1984-85) respectively; and 0.52 vs. 0.21 (1987-88) respectively. This differs from ALL MAJOR FIELDS for both private studies: 0.33 vs. 0.30 (1984-85) respectively; and 0.33 vs. 0.30 (1987-88) respectively. In other words ALL MAJOR FIELDS has a lower percentage of professors and a higher percentage of assistant professors than chemistry in both private studies.

Finally, the reader may note that the hiring rate of new assistant professors in chemistry in the 1984-85 private study almost equaled the hiring rate in ALL MAJOR FIELDS; 4.0 percent (44/1,101) vs. 4.2 percent (1,224/28,991) respectively; and in the 1987-88 private study, it lagged behind: 2.8 percent (32/1,133) vs. 4.4 percent (1,322/29,724) respectively.

CONCLUDING REMARKS

This article presented salary-trend information on the academic discipline/major field of chemistry and compared that information with 44 other academic disciplines/major fields over a period of three years: the "baseline year" of 1984-85 and the "trend year" of 1987-88. Two studies, one for public (AASCU) institutions, and the other for private institutions were conducted for the baseline year and for the trend year--a total of four studies. A total of 5,151 faculty in the discipline/major field of chemistry participated and were included in the overall total of 160,596 faculty in all 45 disciplines/major fields in all four studies. The same 216 public (AASCU) institutions and the same 266 private institutions in the United States participated in the baseline year and the trend year.

Although many interpolations and extrapolations of the data may be made, a few of the more important ones are as follows. First, the average faculty salary in the discipline/major field of chemistry is currently (1987-88) some 7 and 6 percent above the overall average faculty salary of the other 44 disciplines/major fields for both the public and private studies, respectively. The average faculty salary for chemistry in the private institutions, however, was \$336 less than that in the public institutions in 1984-85. The overall salary average in the private institutions is now (1987-88) \$375 above that in the public institutions.

Second, the CPI of October 1987, in comparison to the CPI of October 1984, indicates that the faculty in chemistry, in both the public and private institutions, received overall salary increases for three years above the cost-of-living. Chemistry faculty salaries in both the public and private institutions, however, lagged behind faculty in ALL MAJOR FIELDS during this same period.

Third, since the discipline/major field of chemistry is one of the older disciplines, there is a marked difference between the number of faculty with the rank of full professor and assistant professor in the public and in the private institutions. The full professor rank is already "top heavy" in both the public and private institutions, and appears to be increasing slightly. It seems a healthy percentage of new assistant professors are being hired both in the public and private institutions.

Now that a rather significant data base on individual faculty member salaries has been developed, it is anticipated that additional salary-trend studies will be effected in chemistry, and in other disciplines/major fields, on an annual basis.

Richard D. Howe is the originator and director of the annual CUPA faculty salary studies. He is a professor of leadership and higher education, and history at Appalachian State University, Boone, North Carolina. Co-author Maryon Urquhart is a research analyst in the Office of Equal Opportunity Programs, Appalachian State University, Boone, North Carolina.

APPENDICES:

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APPENDIX A

OVERALL LIST OF SELECTED DISCIPLINES

ACCOUNTING	HOME ECONOMICS
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	LETTERS
ANTHROPOLOGY	LIBRARY AND ARCHIVAL SCIENCES
ARCHITECTURE AND ENVIRONMENTAL DESIGN	LIFE SCIENCES
AREA AND ETHNIC STUDIES	MATHEMATICS
AUDIOLOGY AND SPEECH PATHOLOGY	MULTI-INTERDISCIPLINARY STUDIES
BUSINESS AND MANAGEMENT	MUSIC
BUSINESS ADMINISTRATION AND MANAGEMENT	NURSING
BUSINESS ECONOMICS	PHILOSOPHY AND RELIGION
CHEMISTRY	PHYSICAL EDUCATION
COMMUNICATIONS TECHNOLOGIES	PHYSICAL SCIENCES
COMMUNICATIONS	PHYSICS
COMPUTER AND INFORMATION SCIENCES	POLITICAL SCIENCE AND GOVERNMENT
CURRICULUM AND INSTRUCTION	PSYCHOLOGY
DRAMATIC ARTS	READING EDUCATION
EDUCATION	SECRETARIAL AND RELATED PROGRAMS
EDUCATION ADMINISTRATION	SOCIAL SCIENCES
ENGINEERING	SOCIOLOGY
FINE ARTS	SPECIAL EDUCATION
FOREIGN LANGUAGES	STUDENT COUNSELING AND PERSONNEL SERVICES
GEOGRAPHY	TEACHER EDUCATION, GENERAL PROGRAMS
GEOLOGICAL SCIENCES	VISUAL AND PERFORMING ARTS
HISTORY	<u>TOTAL: 45</u>

APPENDIX B

CUPA Public (AASCU) Faculty Salary-Trend Studies: 1984-85 and 1987-88

Institutions Participating in Both Studies:

Adams State College (CO)	Edinboro University of Pennsylvania (PA)
Alabama State University (AL)	Fitchburg State College (MA)
Albany State College (GA)	Florida International University (FL)
Angelo State University (TX)	Fort Hays State University (KS)
Appalachian State University (NC)	Francis Marion College (SC)
Arkansas State University (AR)	Frostburg State College (MD)
Arkansas Tech University (AR)	George Mason University (VA)
Armstrong State College (GA)	Georgia College (GA)
Auburn University at Montgomery (AL)	Georgia Southern College (GA)
Augusta College (GA)	Georgia Southwestern College (GA)
Black Hills State College (SD)	Grambling State University (LA)
Bluefield State College (WV)	Grand Valley State College (MI)
Boise State University (ID)	Harris-Stowe State College (MO)
Bowling Green State University (OH)	Henderson State University (AR)
California State College, Bakersfield (CA)	Idaho State University (ID)
California State University, Dominguez Hills (CA)	Illinois State University (IL)
California State University, Hayward (CA)	Indiana State University (IN)
California State University, Long Beach (CA)	Indiana University East (IN)
California State University, Los Angeles (CA)	Indiana University of Pennsylvania (PA)
California University of Pennsylvania (PA)	Jacksonville State University (AL)
Castleton State College (VT)	James Madison University (VA)
Central Connecticut State University (CT)	John Jay College of Criminal Justice (NY)
Central Missouri State University (MO)	Kearney State College (NE)
Central State University (OK)	Keene State College (NH)
Central Washington University (WA)	Kennesaw College (GA)
Chadron State College (NE)	Kutztown University (PA)
Citadel, (The) Military College of South Carolina (SC)	Lake Superior State College (MI)
Clarion University of Pennsylvania (PA)	Lander College (SC)
Cleveland State University (OH)	Lewis Clark State College (ID)
Clinch Valley College of the University of Virginia (VA)	Livingston University (AL)
College of Charleston (SC)	Lock Haven University (PA)
College of Staten Island, The (NY)	Longwood College (VA)
College of the Virgin Islands at St. Thomas (VI)	Louisiana State University in Shreveport (LA)
Columbus College (GA)	Louisiana Tech University (LA)
Corpus Christi State University (TX)	Lyndon State College (VT)
Dakota State College (SD)	Mansfield University (PA)
Delta State University (MS)	Marshall University (WV)
East Central University (OK)	Mary Washington College (VA)
East Tennessee State University (TN)	Mayville State College (ND)
East Texas State University (TX)	McNeese State University (LA)
Eastern Connecticut State University (CT)	Mesa College (CO)
Eastern Illinois University (IL)	Metropolitan State College (CO)
Eastern Kentucky University (KY)	Metropolitan State University (MN)
Eastern Montana College (MT)	Middle Tennessee State University (TN)
Eastern New Mexico University (NM)	Midwestern State University (TX)
	Millersville University (PA)

Participating Institutions, continued:

Minot State College (ND)	State University of New York College at Cortland (NY)
Mississippi University for Women (MS)	State University of New York College at Geneseo (NY)
Missouri Southern State College (MO)	State University of New York College at Old Westbury (NY)
Missouri Western State College (MO)	State University of New York College at Plattsburgh (NY)
Montana College of Mineral Science & Technology (MT)	State University of New York College of Technology at Utica/Rome (NY)
Montclair State College (NJ)	Stephen F. Austin State University (TX)
Moorhead State University (MN)	Sul Ross State University (TX)
Morehead State University (KY)	Tennessee Technological University (TN)
Morgan State University (MD)	Texas A&I University (TX)
North Carolina Agricultural & Technical State University (NC)	Texas A&M University at Galveston (TX)
North Texas State University (TX)	Towson State University (MD)
Northeast Louisiana University (LA)	Trenton State College (NJ)
Northeastern Illinois University (IL)	Troy State University (AL)
Northern Arizona University (AZ)	University of Akron, The (OH)
Northern Illinois University (IL)	University of Alaska at Juneau (AK)
Northern Michigan University (MI)	University of Arkansas at Little Rock (AR)
Northern Montana College (MT)	University of Arkansas at Monticello (AR)
Northern State College (SD)	University of Central Florida (FL)
Northwest Missouri State University (MO)	University of Colorado at Colorado Springs (CO)
Northwestern State University (LA)	University of Colorado at Denver (CO)
Oakland University (MI)	University of Houston--Clear Lake (TX)
Old Dominion University (VA)	University of Houston--Downtown (TX)
Oregon Institute of Technology (OR)	University of Lowell (MA)
Peru State College (NE)	University of Maine at Presque Isle (ME)
Pittsburg State University (KS)	University of Maryland Baltimore County (MD)
Plymouth State College (NH)	University of Missouri--St. Louis (MO)
Portland State University (OR)	University of Montevallo (AL)
Purdue University at Calumet (IN)	University of Nebraska at Omaha (NE)
Radford University (VA)	University of Nevada, Las Vegas (NV)
Rhode Island College (RI)	University of North Carolina at Asheville (NC)
Salem State College (MA)	University of North Carolina at Charlotte (NC)
Salisbury State College (MD)	University of North Carolina at Greensboro (NC)
Sangamon State University (IL)	University of North Carolina at Wilmington (NC)
Shepherd College (WV)	University of Northern Colorado (CO)
Shippensburg University (PA)	University of Northern Iowa (IA)
Sonoma State University (CA)	University of Science and Arts of Oklahoma (OK)
South Dakota School of Mines & Technology (SD)	University of South Alabama, The (AL)
Southeast Missouri State University (MO)	University of South Carolina - Aiken (SC)
Southern Arkansas University (AR)	University of South Carolina at Spartanburg (SC)
Southern Connecticut State University (CT)	University of Southern Colorado (CO)
Southern Illinois University at Edwardsville (IL)	University of Southern Indiana (IN)
Southern Oregon State College (OR)	University of Southern Maine (ME)
Southwest Missouri State University (MO)	University of Southern Mississippi (MS)
Southwest Texas State University (TX)	University of Tennessee at Chattanooga (TN)
St. Cloud University (MN)	University of Tennessee at Martin, The (TN)
State University of New York College at Brockport (NY)	University of Texas at Dallas, The (TX)
State University of New York College at Buffalo (NY)	

Participating Institutions, continued:

University of Texas at San Antonio (TX)
University of Texas of the Permian Basin (TX)
University of the District of Columbia (DC)
University of West Florida (FL)
University of Wisconsin--Eau Claire (WI)
University of Wisconsin--Green Bay (WI)
University of Wisconsin--Platteville (WI)
University of Wisconsin--Stevens Point (WI)
University of Wisconsin--Stout (WI)
University of Wisconsin--Superior (WI)
University of Wisconsin--Whitewater (WI)
University of Wisconsin Oshkosh (WI)
Valdosta State College (GA)
Weber State College (UT)
West Georgia College (GA)
West Liberty State College (WV)
West Texas State University (TX)
West Virginia College of Graduate Studies (WV)
West Virginia Institute of Technology (WV)
West Virginia State College (WV)
Western Carolina University (NC)
Western Connecticut State University (CT)
Western Illinois University (IL)
Western Kentucky University (KY)
Western Michigan University (MI)
Western New Mexico University (NM)
Western Oregon State College (OR)
Western State College of Colorado (CO)
Western Washington University (WA)
Wichita State University, The (KS)
Winona State University (MN)
Youngstown State University (OH)

Total: 216

APPENDIX C

CUPA Private Faculty Salary-Trend Studies: 1984-85 and 1987-88

Institutions Participating in Both Studies:

Abilene Christian University (TX)	Catholic University of America, The (DC)
Agnes Scott College (GA)	Catholic University of Puerto Rico (PR)
Albertus Magnus College (CT)	Cedar Crest College (PA)
Allentown College of St. Francis de Sales (PA)	Cedarville College (OH)
Alma College (MI)	Central College (IA)
Alverno College (WI)	Chaminade University of Honolulu (HI)
American College, The (PA)	Christian Brothers College (TN)
American Graduate School of International Management (AZ)	Claremont Graduate School (CA)
American Technological University (TX)	Clark University (MA)
American University, The (DC)	Clarke College (IA)
Amherst College (MA)	Clarkson University (NY)
Andover Newton Theological School (MA)	Cogswell Polytechnical College (CA)
Anna Maria College (MA)	Coker College (SC)
Aquinas College (MI)	Colgate University (NY)
Arkansas College (AR)	College of Great Falls (MT)
Asbury College (KY)	College of Mount Saint Vincent (NY)
Augustana College (IL)	College of Mount St. Joseph (OH)
Aurora University (IL)	College of Saint Benedict (MN)
Austin College (TX)	College of Saint Elizabeth (NJ)
Averett College (VA)	College of Saint Rose, The (NY)
Avila College (MO)	College of St. Joseph (VT)
Azusa Pacific University (CA)	College of St. Scholastica (MN)
Babson College (MA)	College of the Holy Cross (MA)
Bard College (NY)	College of Wooster, The (OH)
Barry University (FL)	Columbia Bible College (SC)
Beaver College (PA)	Columbia College (MO)
Benedictine College (KS)	Concordia College (MI)
Bennett College (NC)	Concordia College (MN)
Bentley College (MA)	Concordia College (NY)
Biola University (CA)	Concordia College (OR)
Birmingham-Southern College (AL)	Concordia College Wisconsin (WI)
Boston College (MA)	Converse College (SC)
Bradley University (IL)	Cooper Union for the Advancement of Science and Art, The (NY)
Briar Cliff College (IA)	Cornell College (IA)
Bridgewater College (VA)	Cornell University (NY)
Brigham Young University (UT)	Creighton University (NE)
Bryant College (RI)	Curry College (MA)
Bryn Mawr College (PA)	D'Youville College (NY)
Bucknell University (PA)	Davis & Elkins College (WV)
Butler University (IN)	Defiance College, The (OH)
Campbellsville College (KY)	DePaul University (IL)
Canisius College (NY)	Dickinson College (PA)
Capitol Institute of Technology (MD)	Dordt College, Inc. (IA)
Carnegie-Mellon University (PA)	Drake University (IA)
Carroll College (MT)	Drew University (NJ)
Carroll College (WI)	

Participating Institutions, continued:

Duquesne University (PA)	Lycoming College (PA)
Eastern Mennonite College and Seminary (VA)	Lynchburg College (VA)
Eckerd College (FL)	Manhattanville College (NY)
Elmhurst College (IL)	Marion College (IN)
Elmira College (NY)	Mary Baldwin College (VA)
Elms College (MA)	Marymount College (NY)
Embry-Riddle Aeronautical University (FL)	Maryville College (TN)
Emerson College (MA)	Maryville College--St. Louis (MO)
Emory & Henry College (VA)	Marywood College (PA)
Fairfield University (CT)	Massachusetts Institute of Technology (MA)
Fontbonne College (MO)	McPherson College (KS)
Fordham University (NY)	Mercy College of Detroit (MI)
Fort Wayne Bible College (IN)	Mercyhurst College (PA)
George Washington University, The (DC)	Merrimack College (MA)
Georgetown University (DC)	Milwaukee School of Engineering (WI)
Georgian Court College (NJ)	Moravian College (PA)
GMI Engineering & Management Institute (MI)	Mount Mary College (WI)
Gonzaga University (WA)	Mount Mercy College (IA)
Gordon College (MA)	Mount Saint Clare College (IA)
Goshen College (IN)	Mount Saint Mary's College (MD)
Grand View College (IA)	Mount Senario College (WI)
Guilford College (NC)	Nazareth College (MI)
Hartwick College (NY)	Neumann College (PA)
Heidelberg College (OH)	North Central College (IL)
High Point College (NC)	North Park College (IL)
Hope College (MI)	Northeastern University (MA)
Husson College (ME)	Northrop University (CA)
Illinois Benedictine College (IL)	Northwestern College (IA)
Illinois College (IL)	Notre Dame College (OH)
Illinois Institute of Technology (IL)	Oakwood College (AL)
Immaculata College (PA)	Oklahoma Baptist University (OK)
Inter American University of Puerto Rico	Otterbein College (OH)
--at San German (PR)	Pepperdine University (CA)
Iona College (NY)	Phillips University (OK)
Ithaca College (NY)	Pikeville College (KY)
John Carroll University (OH)	Point Loma Nazarene College (CA)
Judson College (IL)	Polytechnic University (NY)
Kalamazoo College (MI)	Principia College (IL)
Kenyon College (OH)	Quinnipiac College (CT)
King's College (PA)	Randolph-Macon Woman's College (VA)
La Roche College (PA)	Reed College (OR)
Lancaster Bible College (PA)	Reformed Bible College (MI)
Le Moyne College (NY)	Rensselaer Polytechnic Institute (NY)
Le Tourneau College (TX)	Rider College (NJ)
Lebanon Valley College (PA)	Rio Grande College/Community College (OH)
Lewis & Clark College (OR)	Rockford College (IL)
Linfield College (OR)	Rockhurst College (MO)
Long Island University (NY)	Rose-Hulman Institute of Technology (IN)
Loras College (IA)	Saint Edward's University (TX)
Loyola College in Maryland (MD)	Saint Joseph College (CT)
Luther College (IA)	Saint Mary College (KS)

Participating Institutions, continued:

Saint Michael's College (VT)
 Saint Peter's College (NJ)
 Saint Vincent College (PA)
 Salem College (NC)
 School of the Ozarks, The (MO)
 Seattle Pacific University (WA)
 Seattle University (WA)
 Seton Hill College (PA)
 Siena College (NY)
 Siena Heights College (MI)
 Simpson College (IA)
 Skidmore College (NY)
 Southern California College (CA)
 Southern Methodist University (TX)
 Southwestern Assemblies of God College (TX)
 Southwestern College (KS)
 Spalding University (NY)
 Springfield College (MA)
 St. Francis College (NY)
 St. Mary's University (TX)
 St. Norbert College (WI)
 Stevens Institute of Technology (NJ)
 Suffolk University (MA)
 Susquehanna University (PA)
 Syracuse University (NY)
 Tabor College (KS)
 Taylor University (IN)
 Texas Christian University (TX)
 Thomas College (ME)
 Transylvania University (KY)
 Trinity Christian College (IL)
 Trinity College Inc. (VT)
 Trinity University (TX)
 Tulane University (LA)
 University of Dallas, The (TX)
 University of Dayton (OH)
 University of Detroit (MI)
 University of Dubuque, The (IA)
 University of Hartford (CT)
 University of Judaism (CA)
 University of La Verne (CA)
 University of Portland (OR)
 University of Redlands (CA)
 University of Richmond (VA)
 University of San Diego (CA)
 University of St. Thomas (TX)
 University of the South, The (TN)
 University of Tampa (FL)
 Upsala College (NJ)
 Urbana University (OH)
 Ursuline College (OH)

Utica College of Syracuse University (NY)
 Villa Maria College (PA)
 Viterbo College (WI)
 Walsh College (OH)
 Wartburg College (IA)
 Washington and Jefferson College (PA)
 Wesleyan University (CT)
 Western Maryland College (MD)
 Western New England College (MA)
 Westmar College (IA)
 Westminster College of Salt Lake City (UT)
 Wheeling College, Inc. (WV)
 Whitman College (WA)
 Whittier College (CA)
 Widener University (PA)
 William Jewell College (MO)
 William Marsh Rice University (TX)
 William Penn College (IA)
 Wilmington College (OH)
 Wittenburg University (OH)
 Worcester Polytechnic Institute (MA)
 Xavier University (OH)
 York College of Pennsylvania (PA)

TOTAL: 266